

DIGITAL COUNTER SERIES DIGICON

Digital Counter is manufactured to a high precision and accuracy.

Main Features :

- Wide supply voltage.
- Large 6-digit display, easy to read.
- Exceptional reliability due to nonvolatile memory (EEPROM) which can retain the data for 100 years.
- Available in 3 different shaped Bezels
- Low power consumption.
- Electrical Reset and Enable.

Installation Notes :

1. When Power is applied between Terminals 1 and 2, after 4 sec. the display will show the recorded counts.
2. The counter will increment the display each time an electrical switch pulse is applied to Terminal 3 [Count].
Note : The maximum input frequency for Terminal 3 [Count] is 10 Hz for AC product & 30 Hz for DC product.
3. To Reset the unit, connect Terminal 4 [Reset] momentarily (≈ 500 msec.) to Terminal 1[Supply] via a push button, a key switch or potential free relay contacts.

TECHNICAL SPECIFICATIONS

CAT. NO.	Z72FBX	ZJ2FBX	ZH2FBX
SUPPLY CHARACTERISTICS			
Supply Voltage	85 - 265 VAC 50/60 Hz	10 - 55 V AC/DC 50/60 Hz	10 - 80 VDC
VI Rating	0.8 VA	0.4 watt	0.6 watt

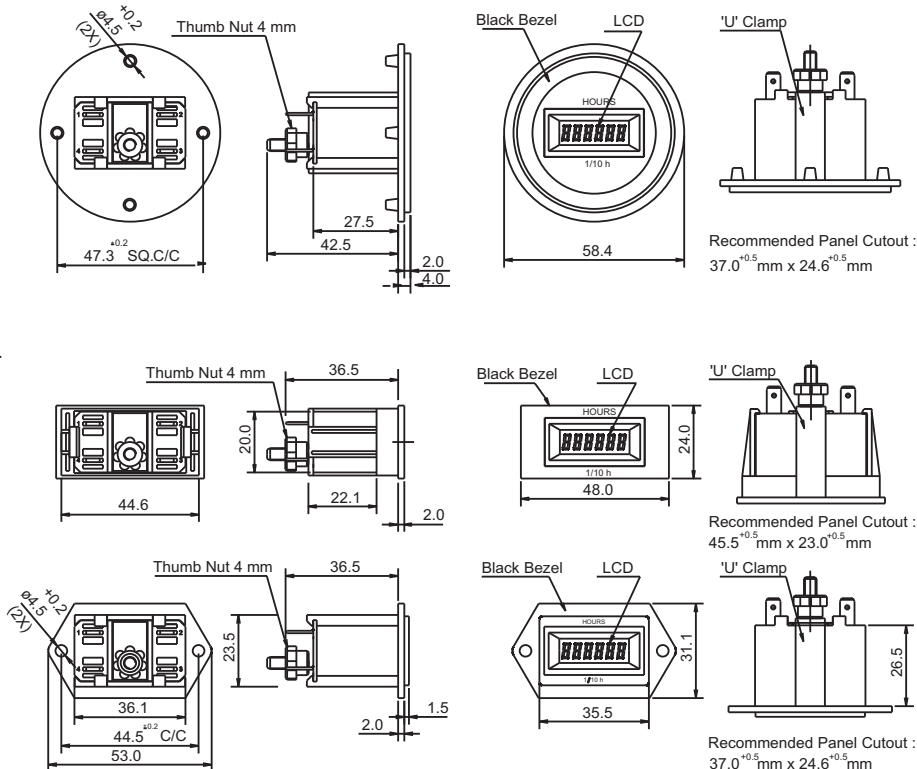
FEATURES CHARACTERISTICS

Range	999999 Counts	
Resolution	1 Count	
Accuracy	± 1 Count	
Counting Frequency	10 Hz	30 Hz
Mounting	Flush / Panel Mounting	
Temperature Limits	Operating : -10°C to $+50^{\circ}\text{C}$ Storage : -20°C to $+65^{\circ}\text{C}$	

CERTIFICATIONS

CE, RoHS	
Fast Transients	IEC-61000-4-4 Level IV
Surges	IEC-61000-4-5 Level IV
Voltage Dips	IEC-61000-4-11(AC)
Voltage Interruption	IEC-61000-4-29(DC)

OVERALL AND MOUNTING DIMENSIONS



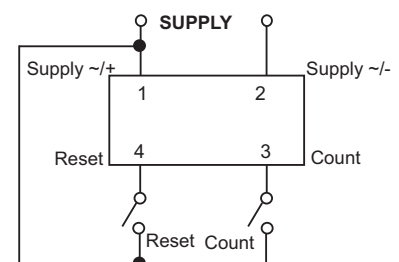
Notes :-

Use lugs provided with product for electrical connection with terminals.

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Cat. Nos.	Supply Voltage
Z72FBx	85 - 265 VAC
ZH2FBx	10 - 80 VDC
ZJ2FBx	10 - 55 V AC/DC

X: A = Round Bezel
B = 24 x 48 Bezel
C = Screw Mount Bezel



TERMINAL DESCRIPTION

- Pin 1: Supply (~ / +)
Pin 2: Supply (~ / -)
Pin 3: Count
Pin 4: Reset